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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604604A: MEDIUM TACTICAL VEHICLES							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	3.835	3.006	2.140	-	2.140	0.428	0.286	0.000	0.000	Continuing	Continuing
H07: FAMILY OF MED TAC VEH	-	3.835	3.006	2.140	-	2.140	0.428	0.286	0.000	0.000	Continuing	Continuing
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Note FY14 is a Congressional budget year adjustment.												
A. Mission Description and Budget Item Justification This Program Element (PE) supports continued modernization of the Army's medium truck and trailer fleet and the Armored Security Vehicle (ASV). In the medium fleet, the Family of Medium Tactical Vehicles (FMTV) replaces aging M35 2 1/2-ton trucks, and M809 and M900 Series 5-ton trucks that are beyond their economic useful life of 15-20 years. FMTV fills 2 1/2-ton Light Medium Tactical Vehicle (LMTV) and 5-ton truck Medium Tactical Vehicle (MTV) requirements, and includes companion trailers, performing over 55 percent of the Army's local and line haul, and unit resupply missions, and operates throughout the theater as multi-purpose transportation vehicles in combat, combat support, and combat service support units. The ASV is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection, and protection against landmines. It is used by the Military Police to perform missions of area security, maneuver, and mobility support. This PE funds government technical insertion initiatives that will feed into implementation of the Tactical Wheeled Vehicle (TWV) Modernization Strategy and the TWV Armoring Strategy as a bridge to future tactical vehicle efforts. This PE allows the PM to leverage technology and address capability gaps in performance and reliability as identified by the user community and reported in the field. FY14 funding will be used to continue Technology Insertion, Fuel Economy, and address field issues requiring RDT&E funds and will be used to increase protection and survivability of the FMTV through continued development and integration of armor enhancements and applications.												

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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
2040: Research, Development, Test & Evaluation, Army		PE 0604604A: MEDIUM TACTICAL VEHICLES			
BA 5: System Development & Demonstration (SDD)					
B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	3.957	3.006	2.854	-	2.854
Current President's Budget	3.835	3.006	2.140	-	2.140
Total Adjustments	-0.122	0.000	-0.714	-	-0.714
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-0.122	-	-0.714	-	-0.714

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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
H07: FAMILY OF MED TAC VEH	-	3.835	3.006	2.140	-	2.140	0.428	0.286	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Note												
Not Applicable.												
A. Mission Description and Budget Item Justification												
This Program Element (PE) supports continued modernization of the Army's medium truck and trailer fleet and the Armored Security Vehicle (ASV).												
In the medium fleet, the Family of Medium Tactical Vehicles (FMTV) replaces aging M35 2 1/2-ton trucks, and M809 and M900 Series 5-ton trucks that are beyond their economic useful life of 15-20 years. FMTV fills 2 1/2-ton Light Medium Tactical Vehicle (LMTV) and 5-ton truck Medium Tactical Vehicle (MTV) requirements, and includes companion trailers, performing over 55 percent of the Army's local and line haul, and unit resupply missions, and operates throughout the theater as multi-purpose transportation vehicles in combat, combat support, and combat service support units.												
The ASV is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection, and protection against landmines. It is used by the Military Police to perform missions of area security, maneuver, and mobility support.												
This PE funds government technical insertion initiatives that will feed into implementation of the Tactical Wheeled Vehicle (TWV) Modernization Strategy and the TWV Armoring Strategy as a bridge to future tactical vehicle efforts. This PE allows the PM to leverage technology and address capability gaps in performance and reliability as identified by the user community and reported in the field. FY14-16 funding will be used to continue Technology Insertion, Fuel Economy, and address field issues requiring RDT&E funds and will be used to increase protection and survivability of the FMTV through continued development and integration of armor enhancements and applications.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014	
Title: Automotive Technological Evaluation, Testing & Insertion									0.894	1.044	0.749	
									0	0		
Description: Funding is provided for the following effort												
FY 2012 Accomplishments:												

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013	FY 2014
Will continue to fund FMTV Automotive Technological Evaluation, Testing, & Insertion FY 2013 Plans: Continuation with FMTV Automotive Technological Evaluation, Testing, & Insertion FY 2014 Plans: Continuation with FMTV Automotive Technological Evaluation, Testing, & Insertion				
Title: Armor Spiral Development Description: Funding is provided for the following effort FY 2012 Accomplishments: Continued Armor Spiral Development FY 2013 Plans: Improvements to occupant survivability. FY 2014 Plans: Improvements to occupant survivability.		Articles: 0.916 0	0.960 0	0.685
Title: Fuel Economy Description: Funding is provided for the following effort FY 2012 Accomplishments: Will provide funding for FMTV Fuel Economy Research. FY 2013 Plans: Continued Fuel Economy Improvements. FY 2014 Plans: Continued Fuel Economy Improvements.		Articles: 0.916 0	1.002 0	0.706
Title: Government System Test and Evaluation Description: Funding is provided for the following effort		Articles: 0.989 0	0.000	0.000

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
<i>FY 2012 Accomplishments:</i> Will fund Government System Test and Evaluation <i>Title:</i> SBIR/STTR <div style="text-align: right; padding-right: 20px;"><i>Articles:</i></div> <i>Description:</i> Funding is provided for the following effort <i>FY 2012 Accomplishments:</i> Small Business Innovative Research/Small Business Technical Transfer Program	0.120 0	0.000	0.000
Accomplishments/Planned Programs Subtotals	3.835	3.006	2.140

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• OPA 1 D15500: <i>Family of Medium Tactical Vehicles D15500</i>	434.030	388.485	223.910		223.910					Continuing	Continuing
Remarks											
D. Acquisition Strategy FMTV - Technological Insertion, Armor Spiral Development, and Fuel Economy efforts will be accomplished by a Cost Plus Fixed Fee (Level of Effort) basis.											
E. Performance Metrics Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army												DATE: April 2013			
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Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FMTV Automotive Technological Evaluation and Insertion	C/CPFF	Oshkosh Truck Corporation:Oshkosh, WI	8.518	0.934	Sep 2012	1.044	Mar 2013	0.749	Dec 2013	-		0.749	Continuing	Continuing	Continuing
FMTV Armor Spiral Development	C/CPFF	Oshkosh Truck Corporation:Oshkosh, WI	2.965	0.956	Sep 2012	0.960	Mar 2013	0.685	Dec 2013	-		0.685	Continuing	Continuing	Continuing
FMTV Fuel Economy	C/CPFF	Oshkosh Truck Corporation:Oshkosh, WI	0.000	0.956	Sep 2012	1.002	Mar 2013	0.706	Dec 2013	-		0.706	Continuing	Continuing	Continuing
ASV Mission Enhancement Package (MEP)	TBD	TBD:TBD	1.844	-		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			13.327	2.846		3.006		2.140		0.000		2.140			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
FMTV Automotive Technological Evaluation and Insertion	Various	Various:Various	0.000	0.351	Sep 2012	-		-		-		-	Continuing	Continuing	Continuing
FMTV Armor Spiral Development Testing	MIPR	TARDEC:Warren, MI	0.000	0.319	Sep 2012	-		-		-		-	Continuing	Continuing	Continuing
FMTV Fuel Economy Testing	MIPR	TARDEC:Warren, MI	0.000	0.319	Sep 2012	-		-		-		-	Continuing	Continuing	Continuing
Subtotal			0.000	0.989		0.000		0.000		0.000		0.000			
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			13.327	3.835		3.006		2.140		0.000		2.140			
Remarks															